

# Subject Index

## A

Abstinence control 335  
 Acetyldehyde 245  
 Activity monitor 75  
 Adenylate cyclase 169  
 Aggression 245, 339  
 Aggregation toxicity 92  
 Aging 299  
 Alcohol 65, 315  
 Alpha-adrenoreceptor 248  
 Alpha-Methyl-*p*-tyrosine 22  
 Alprazolam 258  
 Alternation, spontaneous 69  
 Amitriptyline 31, 262  
 Amobarbital 101  
 Amphetamine 22, 25, 48, 54, 96, 184, 212, 283, 299  
 Amphetamine, prenatal 75  
 Anorexia 48, 54  
 Antagonism 236, 321  
 Antagonism, oxotremorine 5  
 Antagonists 226  
 Anticholinergics 9  
 Anticonvulsants 294  
 Antidepressants 84  
 Antineophobia 311  
 Anxiety 346  
 Anxiogenic effects 110  
 Anxiolytic effects 110  
 Anxiolytics 236  
 Apomorphine 44, 84, 119, 165, 212, 273, 287, 372, 391, 396  
 Arecoline 383  
 Arousal 39  
 Ascorbic acid 98  
 Atropine 144  
 Avoidance 22, 69, 248, 299, 372  
 Avoidance, discriminative 148

## B

Baboons 101  
 Baclofen 396  
 Barbitol 1  
 Behavior, operant 184, 226  
 Bemegride 321  
 Benzamides, substituted 16  
 Benzodiazepam 305  
 Benzodiazepine receptor 175  
 Benzodiazepines 193, 291, 380  
 Body temperature 96  
 Brain regional assay 79  
 Brain stimulation, electrical 184  
 Bridge crossing 75  
 Brightness discrimination 165  
 Bromocriptine 114

## C

Caffeine 69  
 Cannabidiol 294

Cannabis 144

Castration 273  
 Catalepsy 396  
 Catecholamines 60, 144  
 CER paradigm 110  
 Chlorazepate 193  
 Chlordiazepoxides 22, 31, 311  
 Chlorpromazine 101  
 Chronic LiCl-treatment 273  
 Chronic treatment 311  
 Cigarette 339  
 Clonazepam 101  
 Clonidine 219, 287  
 Clorazepate 101  
 Cocaine 25, 101  
 Cocaine self-administration 134  
 Conditioning 96  
 Conflict 236  
 Convict cichlid 245  
 Convulsions 175  
 Correlation 173  
 Cortex 294  
 Cross-tolerance 358  
 Cyclazocine 79

## D

*d*-Amphetamine 219, 277, 358, 363  
 Dependence 214  
 Depression 34, 169, 346, 350, 354, 368  
 Desipramine 173  
 Desmethyldiazepam 193, 380  
 Desmethylinipramine 54, 60  
 Development 299  
 Diazepam 101, 110, 258  
 Discoordination, sensory-motor 65  
 DMT 226  
 Dog 25, 240  
 Dopamine 79, 231  
 Dopamine antagonists 254  
 Dopamine receptor 119, 248  
 Dopamine receptor selectivity 217  
 Dopamine receptor sensitivity 212  
 Drug concentrations 262  
 Drug discrimination 152, 184, 321, 383  
 Drug effects 134  
 Dyskinesias 16, 254

## E

EEG, cortical 327  
 Elderly 354  
 Enhancing effect 148  
 EOS 305  
 Equilibrium dialysis 380  
 Erythrocyte 262  
 Ethanol 327, 372  
 Ethanol tolerance 231  
 Excitation 210  
 Extinction 60

## F

Fenfluramine 25, 48, 358  
 Fenmetozole 372  
 Fish 245  
 Flurazepam 101  
 Food consumption 358  
 Food preference 305, 311

## G

GABA 214, 305, 327  
 Gerbils 287  
 Geriatrics 193

## H

Halopemide 254  
 Haloperidol 16, 165, 212, 240, 254, 287, 388  
 Hippocampus 165  
 Hippocampal units 327  
 Human-Beings 31, 34, 65, 98, 114, 124, 158, 173, 193, 258, 315, 335, 339, 350, 354, 380, 400  
 Hyperreactivity 144, 179  
 Hypothalamus, lateral 48  
 Hypothermia 84, 144  
 Hypoxanthine 175  
 Hysteresis plots 158

## I

Imipramine 173, 354  
 Inosine 175  
 Intoxication 158

## J

Jumping 210

## K

Key peck 324

## L

Learning 315  
 Lethality 92  
 Lever pressing 60  
 Limbitrol 31  
 Lisuride 119  
 Locomotion 39, 54, 363  
 LSD 226

## M

Maprotiline 34  
 Marmoset 283  
 Mazindol 25

Medazepam 101  
 Memory consolidation 165  
 Meriones unguiculatus 287  
 Mesolimbic dopaminergic system 363  
 Methadone 44, 335  
 Methamphetamine 39, 92, 396  
 Mezilamine 254  
 MHPG levels 34  
 Mice 22, 39, 69, 84, 175, 179, 210, 291, 372, 391, 396  
 Midazolam 101  
 Monkeys 16, 248, 254  
 Morphine 48, 124, 210, 214  
 Morphine tolerance 132  
 Motor activity 75  
 Motor coordination 98  
 Muscarinic receptors 9, 383  
 Muscimol 291  
 Myoclonic jerks 291

## N

Naloxone 44, 48, 65, 94, 210  
 Naloxone prevention 132  
 Neuroleptic agents 148  
 Neuroleptics 9, 16, 84, 114, 248  
 Neurotransmitters 287  
 Nicotine 339  
 Noradrenaline 54, 60, 79  
 Norepinephrine 219, 231  
 Nortriptyline 262, 354  
 Nucleus accumbens 363

## O

Ontogeny 92  
 Opioid agonists 226  
 Opiate dependence 335  
 Oxiperomide 254  
 Ovariectomy 273

## P

Pain reactions 124  
 Pargyline 179  
 Pentobarbital 1, 101, 321, 324  
 Pentyleneetetrazol 321  
 Pharmacodynamics 158  
 Pharmacokinetics 193

Pharmacology, developmental 69  
 Phencyclidine stereotypy 44  
 Phenothiazines 16  
 Picrotoxin 198, 204, 321  
 Pigeons 1, 5, 321  
 Pimozide 144  
 Piribedil 391  
 Plasma 173, 350  
 Plasma binding 262  
 Plasma concentration 240  
 Platelets 368  
 Potentiation 226  
 Priming 134  
 Propoxyphene napsylate 335  
 Protein binding 380

## R

Rats 44, 48, 54, 60, 75, 79, 92, 96, 110, 119, 132, 134, 144, 148, 152, 165, 184, 198, 204, 212, 214, 219, 226, 231, 236, 273, 277, 294, 299, 305, 311, 327, 358, 363, 372, 383, 388  
 Reaction times 98  
 Reactivity 198  
 Rearing 363  
 Receptor blockers 391  
 Reinforcing efficacy 25  
 Reinstatement 134  
 Reversal learning 283  
 Righting reflex 75, 372  
 Runway 60

## S

Salbutamol 169  
 Salivary secretion rate 114  
 Schizophrenia 9  
 Screening 84  
 Secobarbital 101  
 Self-administration 25, 101  
 Sensorimotor deficits 204  
 Serotonin 79, 231  
 Serum 173  
 Serum drug levels 9  
 17-Hydroxycorticosteroid 346  
 Side effects, extrapyramidal 9  
 6-Hydroxydopamine 204, 212  
 Shock 372

SKF-525A 94  
 Sleep 258  
 Spinal cord 219  
 Startle 219  
 Stereotypy 84, 144, 396  
 Stimulus control 277  
 Strain differences 372  
 Striatal <sup>3</sup>H-spiroperidol binding 388  
 Subsensitivity 169  
 Superior colliculus 198, 204

## T

Tachycardia 158  
 Teratogenesis 69  
 Tetrahydrocannabinols 152  
 Thioridazine 338  
<sup>3</sup>H-Spiroperidol 119  
 Tiapride 254  
 Tolerance 1, 315  
 Traction response 396  
 Tranlycypromine isomers 400  
 Turning 212

## V

Ventral noradrenaline bundle 54  
 Verticalization 84  
 Vitamin C 98

## W

Water lick paradigm 236  
 Withdrawal 210

## X

Xanthurenic acid 346

## Y

Yohimbine 219

## Z

Zotepine 388

